

Abstract:

Here described are a method and a system for defining a threshold value (O_{\max} , O_{\min} , O_{TR}) serving to limit the output signal of a processing unit which is fed an input signal. According to the invention, an input-signal level is determined and the threshold value (O_{\max} , O_{\min} , O_{TR}) is set as a function of that input-signal level. By virtue of the fact that the threshold value is set as a function of the input-signal level, i.e. in adaptive fashion, it is also possible to limit transient noise whose level is well below the maximum value of the threshold value. As a result, when the method or system per this invention is applied in a hearing aid, the hearing comfort of the wearer of the hearing aid can be significantly enhanced.